

## On the nomenclature of some genus- and species-group names of Lepidoptera

A h m e t Ö . K o ç a k

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### On the homonymy of some species-group names.

In the course of preparation of the synonymic catalogue of the Lepidoptera of Turkey I noticed some species-group names which are established in the same nominal genera. According to the International Code of Zoological Nomenclature, Article 53, every name which is preoccupied, must be replaced by its oldest available junior synonym or – failing this – by a new name. In this paper synonyms and replacement names are being introduced accordingly.

### P A P I L I O N I D A E

*Papilio macareus palawanicola* (n o m. n o v.)

pro *Papilio macareus maccabaeus* Staudinger, 1889 Dt. ent. Z., Iris 2:6; nom. praeocc. *Papilio maccabaeus* Herbst, 1796. Natursystem Schmett., 7 : Tab. 209 figs. 5, 6.

I propose a new name *palawanicola* (nom. nov.) for *maccabaeus* Staudinger, which is invalid, as it is junior primary homonym of *Papilio maccabaeus* Herbst.

*Papilio brontes usambaraensis* (n o m. n o v.)

pro *Papilio brontes australis* Van Someren, 1961 Bol. Soc. Estud. Mosambique 29, Nr. 123 : 69, figs.; nom. praeocc. *Papilio rumina australis* Esper, [1781] Schmett. 2 (1) : 115, Tab. 72 fig. 4.

I propose a new name *usambaraensis* (n o m. n o v.) for *australis* Van Someren, which is invalid, as it is junior primary homonym of *australis* Esper.

### P I E R I D A E

*Pontia chloridice schahrudensis* (n o m. n o v.)

pro *Pieris chloridice albidice* Staudinger, 1901 [in] Staudinger & Rebel, Cat. Lep. Pal. 3 (1) : 12; nom. praeocc. *Pieris daplidice albidice* Oberthür, 1881 Étud. Ent. 6 : 47.

I propose a new name *schahrudensis* (n o m. n o v.) for *albidice* Staudinger, which is invalid, as it is junior primary homonym of *albidice* Oberthür.

## SATYRIDAE

*Hyponephele huebneri* (nom. nov.)

[*Papilio*] *narica* Hübner, [1808–1813] Saml. eur. Schmett., Papiliones Tab. 139 fig. 704–707 (non-binominal) (syn. nov.).

*Papilio narica* Charpentier, 1818 Verz. eur. Schmett., 10 fig. 704–707; nom. praeocc. *Papilio narica* Fabricius, 1793 Ent. Syst. 3 (') : 187 (Pieridae).

I propose a new name *huebneri* (nom. nov.) for *narica* Charpentier, which is invalid, as it is junior primary homonym of *narica* Fabricius. Under the Law of Homonymy, *narica* Hübner, which is nomenclaturally unavailable, cannot be used instead of *narica* Charpentier, which is the oldest available name of this taxon.

## NYMPHALIDAE

*Charaxes lycurgus* (Fabricius, 1793) (s p. r e v.)

*Papilio laodice* Drury, 1782 III. ex. Ent. 3 : Tab. 26 figs. 1, 2 (nec *Papilio laodice* Pallas, 1771).

*Papilio lycurgus* Fabricius, 1793 Ent. Syst. 3 (1) : 67, Nr. 209.

*Papilio laodice* Drury is invalid, as it is junior primary homonym of *laodice* Pallas. The oldest available name of the species is *Papilio lycurgus* Fabricius; therefore this species should in future be called by the name *lycurgus* Fabricius.

*Polygona i-album* (Esper, [1789]) (s p. r e v.)

*Papilio egea* Cramer, [1775] Uitl. Kapellen 1 : Tab. 78 figs. C, D (nec.

*Papilio egaea* Fabricius, 1775 Syst. ent. 496, Nr. 431).

*Papilio i-album* Esper, [1789] Schmett. 2 (1) : 14, Tab. 95 fig. 4.

*Papilio egea* Cramer, [1775] is invalid, as it is junior primary homonym of *Papilio egaea* Fabricius, 1775. The Fabrician names published in 1775 take precedence over the names published by Cramer in the same year (Opinion 516 : 1958 Ops. Decls. int. Comm. zool. Nom. 19 : 1–44). The oldest available name of the species is *Papilio i-album* Esper; therefore the species should in future be called by the name *i-album* Esper.

*Melitaea hafiz eberti* (n o m. n o v.)

pro *Melitaea hafiz pfeifferi* Gross & Ebert, 1975 J. ent. Soc. Iran, suppl. 1 : 37–38 figs. 45–47; nom. praeocc. *Melitaea didyma pfeifferi* Bryk, 1940 Folia zool. hydrobiol. 10 : 322 Tab. 5 fig. 42.

I propose a new name *eberti* (n o m. n o v.) for *pfeifferi* Gross & Ebert, which is invalid, as it is junior primary homonym of *pfeifferi* Bryk.

*Melitaea transcaucasica grossi* (n o m. n o v.).

*Melitaea transcaucasica maculata* Gross & Ebert, 1975 J ent. Soc. Iran, suppl. 1 : 40–41; nom. praeocc. *Melitaea asteroidea maculata* Staudinger, 1901 [in] Staudinger & Rebel, Cat. Lep. Pal. 3 (1) : 33.

I propose a new name *grossi* (n o m. n o v.) for *maculata* Gross & Ebert, which is invalid, as it is junior primary homonym *maculata* Staudinger.

## LYCAENIDAE

*Azanus mirzaellus* (n o m. n o v.)

pro *Lycanea mirza* Plötz, 1880 Stettin ent. Ztg. 41 : 203; nom. praeocc. *Lycaena mirza* Staudinger, 1874 Ibidem 35 : 90.

I propose a new name *mirzaellus* (n o m. n o v.) for *mirza* Plötz, which is invalid, as it is junior primary homonym of *mirza* Staudinger.

*Plebejus pylaon iranicola* (n o m. n o v.).

pro *Plebeius pylaon iranica* Forster, 1939 (Lepidopteren aus Iran, 5 : nom. praeocc. *Plebeius eurypilus iranica* Forster, 1938 Ent. Rdsch. 55 : 216.

I propose a new name *iranicola* (n o m. n o v.) for *iranica* Forster, 1939, which is invalid, as it is junior primary homonym of *iranica* Forster, 1938.

*Lycaeides idas dalmaticola* (n o m. n o v.)

pro *Lycaena ismenias violaceus* Rangnow, 1935 Ent. Rdsch. 52 : 188; 315; nom. praeocc. *Lycaena meleager dalmatina* Wagner, 1909 Ent. Z., Frankf. a. M. 23 : 17.

I propose a new name *dalmaticola* (n o m. n o v.) for *dalmatina* Neustetter, which is invalid, as it is junior primary homonym of *dalmatina* Wagner.

*Lycaeides argyrogномон rangnowi* (n o m. n o v.)

pro *Lycaena ismenias violaceus* Rangnow, 1935 Ent. Rdsch. 52 : 188; nom. praeocc. *Lyaena splendens violaceus* Staudinger, 1892 Dt. ent. Z., Iris 5 : 315.

I propose a new name *rangnowi* (nom. nov.) for *violaceus* Rangnow, which is invalid, as it is junior primary homonym of *violaceus* Staudinger.

I propose a new name *kudrnai* (n o m. n o v.) for *rebeli* Tuleschkov, which is invalid, as it is junior primary homonym of *rebeli* Hirschke.  
*Agriades pyrenaicus kudrnai* (n o m. n o v.)

pro *Lycaena orbitulus rebeli* Tuleschkov, 1932 Mitt. bulg. ent. Sofia 7 : 101; nom. praeocc. *Lycaena alcon rebeli* Hirschke, 1904 Jahr. wien. ent. Ver. 15 : 110–111.

*Aricia eumedon kagizmanensis* (n o m. n o v.)

pro *Lycaena osiris* Otto Bang-Haas, 1927 Hoare macrolepidopt. Reg. palaeearct. I : 52 Tab. 7, figs. 26, 27; nom. praeocc. *Lycaena osiris* Hopffer, 1855 Ber. Verh. Ak. Berl. (1855) : 642 Nr. 21.

I propose a new name *kagizmanensis* (n o m. n o v. for *osiris* Otto Bang-Haas, which is invalid, as it is junior primary of *osiris* Hopffer.

*Plebejus argus kurentzovi* (n o m. n o v.)

pro *Lycaena argus orientalis* Kurentzov, 1970 Butts. Far East USSR, 131–132; nom. praeocc. *Lycaena amanda orientalis* Staudinger, 1901 [in] Staudinger & Rebel, Cat. Lep. Pal. 3 (1) : 85 Nr. 807 b.

I propose a new name *kurentzovi* (n o m. n o v.) for *orientalis* Kurentzov, which is invalid, as it is junior primary homonym of *orientalis* Staudinger.

*Agrodiaetus rjabovianus* (n o m. n o v.)

pro *Agrodiaetus rjabovi* Forster, 1960 Ent. Z., Frankf. a. M. 70 : 157–158; nom. praeocc. *Lycaena thersites rjabovi* Obraztsov, 1936 Lambillionea 36 : 16.

I propose a new name *rjabovianus* (n o m. n o v.) for *rjabovi* Forster, which is invalid, as it is junior secondary homonym of *rjabovi* Obraztsov. The latter specific name, *thersites* Canterer is currently placed in the genus *Agrodiaetus* (s. l.). The oldest available name of any subspecies of the species is *valiabadi* Rose & Schurian, 1978 J. Soc. Iran 4 (1/2) : 61–64; therefore this species and the proposed new name should in future be called as follows:

*Agrodiaetus valiabadi valiabadi* Rose & Schurian

*Agrodiaetus valiabadi rjabovianus* Koçak

*Agrodiaetus damon mongolensis* (n o m. n o v.)

*Lycaena damone mongolica* Kurentzov, 1970 Butts. Far East USSR, 139.

*Agrodiaetus damon mongolica* Forster, 1971 Faun. abh. st. Mus. Tierk. Dresden 3 (17) : 215.

*Polyommatus damon mongolica* Kurentzov (= *Agrodiaetus damon mongolica* Forster) : Korshunov & Soljanikov 1976 [in] Insects of Mongolia 4 : 453.

*Lycaena damone mongolica* Kurentzov is invalid, as it is junior primary homonym of *Lycaena argus mongolica* Rühl, [1893] Pal. Gross-Schmett. 1 : 235.

*Agrodiaetus damon mongolica* Forster is also invalid, as it is junior objective synonym of *mongolica* Kurentzov; therefore I propose a new name *mongolensis* (n o m. n o v.) for *mongolica* Kurentzov.

## HESPERIIDAE

*Thymelicus ragusai* (Verity, 1919) (s p. r e v.)

*Papilio acteon* von Rottemburg, 1775 Naturforscher 6 : 30 (nec. *Papilio actaeon* Fabricius, 1775 Syst. ent., Appendix 829).

*Thymelicus acteon ragusai* Verity, 1919 Entomologist's Rec. J. Var. 31 : 28.

*Papilio acteon* von Rottemburg, 1775 is invalid, as it is junior primary homonym of *Papilio actaeon* Fabricius, 1775. The Fabrician names published in 1775 take precedence over the names published by von Rottemburg in the same year (Opinion 516 : 1958 Ops. Decls. int. Comm. zool. Nom. 19 : 1-44). The oldest available name for *acteon* von Rottemburg is *Thymelicus acteon ragusai* Verity, 1919 and the oldest available name of any subspecies of the species is *heydeni* Plötz, 1884; therefore this species should in future be called as follows:

*Thymelicus heydeni heydeni* Plötz, 1884

*Thymelicus heydeni ragusai* Verity, 1919 (= *acteon* v. Rottemburg)

## PSYCHIDAE

*Amicta murina falkneri* (n o m. n o v.)

pro *Psyche quadrangularis albescens* Staudinger, 1900 Dt. ent. Z. Iris 12 : 356; nom. praeocc. *Psyche pyrenaella albescens* Oberthür, 1883 Étud. Ent. 8 : 40.

I propose a new name *falkneri* (n o m. n o v.) for *albescens* Staudinger, which is invalid, as it is junior primary homonym of *albescens* Oberthür. *Psyche quadrangularis* Christoph is currently considered as *Amicta murina* Klug; therefore new name *falkneri* is proposed in combination with these generic and specific names.

## NOCTUIDAE

*Yigoga forcipula turcicola* (n o m. n o v.)

pro *Agrotis (Ogygia) forcipula obscurior* Draudt, 1933 (Corti in litt., [in] Seitz, Gross-Schmett. Erde, suppl. 3.55; nom. praeocc. *Agrotis sollers obscurior* Staudinger, 1889 Stettin ent. Ztg. 50 : 28.

I propose a new name *turcicola* (n o m. n o v.) for *obscurior* Draudt, which is invalid, as it is junior primary homonym of *obscurior* Staudinger.

*Yigoga forcipula iranicola* (n o m. n o v.)

pro *Agrotis (Ogygia) forcipula hyrcana* Draudt, 1933 (Corti in litt., [in] Seitz, Gross-Schmett. Erde, suppl. 3 : 55 (6,1); nom. praeocc. *Agrotis grisescens hyrcana* Staudinger, 1900 Dt. ent. Z., Iris 12 : 339.

I propose a new name *iranicola* (n o m. n o v.) for *hyrcana* Draudt which is invalid, as it is junior primary homonym of *hyrcana* Staudinger.

*Yigoga nigrescens amasicola* (n o m. n o v.)

pro *Agrotis (Euxoa) forcipula amasina* Turati, 1919 Naturalista sicil. 23 : 269 Tab. 3 fig. 23; nom. praeocc. *Agrotis trux amasina* Staudinger, 1901 [in] Staudinger & Rebel, Cat. Lep. Pal. 3 (1) : 152.

I propose a new name *amasicola* (n o m. n o v.) for *amasina* Turati, which is invalid, as it is junior primary homonym of *amasina* Staudinger.

*Chersotis ebertorum* (n o m. n o v.)

pro *Agrotis (Chersotis) maraschi* Draudt, 1933 (Corti in litt.) [in] Seitz, Gross-Schmett. Erde, suppl. 3 : 61; nom. praeocc. *Agrotis (Dichagyris) terminicincta maraschi* Draudt, 1933 Ibid., 58.

I propose a new name *ebertorum* (n o m. n o v.) for *maraschi* Draudt (published on page 61), which is invalid, as it is junior primary homonym of *maraschi* Draudt (published on page 58).

*Cucullia argentina anatoliensis* (n o m. n o v.)

pro *Cucullia argentina grisescens* Wagner, 1931 Int. ent. Z. Guben, 24 (45) : 482–483; nom. praeocc. *Cucullia grisescens* Leach, 1900 Trans. ent. Soc. Lond. (1900) : 99.

I propose a new name *anatoliensis* (n o m. n o v.) for *grisescens* Wagner, which is invalid, as it is junior primary homonym of *grisescens* Leach.

*Apamea platinea toulechkoffi* (n o m. n o v.)

pro *Hadena platinea grisescens* Toulechkoff, 1951 Izv. zool. Inst. Sofia

1 : 315, 327; nom. praeocc. *Hadena basilinea grisescens* Staudinger, 1889 Stettin ent. Ztg. 50 : 42.

I propose a new name *toulechkoffi* (nom. n o v.) for *grisescens* Toulechkoff, which is invalid, as it is junior primary homonym of *grisescens* Staudinger.

### **On the homonymy of two genus-group names in Notodontidae and Psychidae**

The following two genus-group names in families Notodontidae and Psychidae are replaced by new names, as they are invalid under the law of homonymy.

#### **NOTODONTIDAE**

*Euxeropteryx* (nom. nov.)

The name *Euxeropteryx* is introduced as a replacement name pro the name *Xeropteryx* Kiriakoff, 1963 (Bonn. zool. Beitr. 14 : 289), which is invalid as being a junior primary homonym of *Xeropteryx* Butler, 1883 J. Linn. Soc. 17 : 203).

Type species: *Xeropteryx desiccata* Kiriakoff, 1963 Bonn. zool. Beitr. 41 : 289 fig. 50, Phot. 53 (by original designation for *Xeropteryx* Kiriakoff).

#### **PSYCHIDAE**

*Paramictoides* (n o m. n o v.)

The name *Paramictoides* is introduced as a replacement name pro the name *Amictoides* Gerasimov, 1937 (Zool. Anz. 120 : 14), which is invalid as being a junior homonym of *Amictoides* Bezzi, 1910 (Nova Acta Leopoldina 91 : 380).

Type species : *Psyche febretta* Boyer, 1835 Annls. Soc. ent. Fr. (1835) : 107, Tab. 1 E, 8–10 (by subsequent designation by Bourgogne 1949 Bull. Soc. ent. Fr. 54 : 98–103).

### **Correction of a proposed genus-group name in Lycaenidae**

The name *Disparia* Verity, 1943 appeared as a junior homonym of *Disparia* Nagano, 1916 (Bull. Nawa ent. Lab. 1 : 3) in the family Notodontidae; therefore it is not available (Int. Code zool. Nom., Article 53). After 14 years, a new name *Thersamolycaena* for *Disparia* Verity was proposed by Verity himself. This name, however, was not recor-

ded by Hemming (1967). Probably by this reason a new replacement name for *Disparia* Verity, *Rapsidia* was unnecessarily introduced by Sibatani in recent years.

The correct synonymy among above mentioned genus group names are given as follows:

*Thersamolycaena* Verity, 1957 Entomologist's Rec. J. Var. 69 : 225 (replacement name). Type-species: *Papilio dispar* Haworth, [1802] Prodr. Lep. brit. : 3 et nota (by original designation for *Disparia* Verity, 1943).

*Disparia* Verity, 1943 Farfalle diurn. d'Ital. 2 : 21, 58. Type-species: *Papilio dispar* Haworth, [1802] Prodr. Lep. brit. : 3 et nota (by original designation).

This name is invalid, being a junior primary homonym of *Disparia* Nagano, 1916 (Notodontidae).

*Rapsidia* Sibatani, 1974 J. Aust. ent. Soc. 13 (2) : 95–110 (replacement name for *Disparia* Verity). Type-species : *Papilio dispar* Haworth, [1802] Prodr. Lep. brit. : 3 et nota.

This name is invalid, being a junior objective synonym of *Thersamolycaena* Verity, 1957.